

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HU et al.

Application Serial No.: 09/219,442

Filed: December 23, 1998

For: Vascular Endothelial Growth Factor 2



Art Unit: 1647

Examiner: Saoud, C..

Atty. Docket No.: PF112P2D1

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**FIFTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

Commissioner For Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to references EX-EY listed on the attached form PTO/SB/08. A copy of each of references EX-EY is enclosed.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR § 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

Identification of the listed references is not to be construed as an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner review the listed reference(s) and that the reference(s) be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(c)(1), the Patent Office will consider this Fifth Supplemental Information Disclosure Statement if filed before the mailing date of a final Office Action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in this application and accompanied by the statement set forth in § 1.97(e)(1).

Accordingly, the undersigned certifies pursuant to 37 C.F.R. § 1.97(e)(1) that each item of information contained in this Fifth Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Fifth Supplemental Information Disclosure Statement. In particular, the listed references were cited in an International Search Report (reference EX) mailed December 12, 2001, in connection with a corresponding international application.

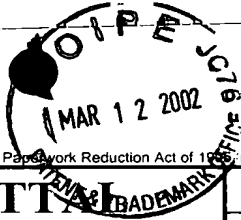
Pursuant to 1.97(c)(1) no fee is believed due for this submission. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425. A Fee Transmittal is enclosed.

Respectfully submitted,

Dated: March 12, 2002 Michele M. Wales
Michele M. Wales (Reg. No. 43,975)
Attorney for Applicants

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Telephone: (301) 610-5772

MMW/lcc
Enclosures



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Approved for use through 10/31/2002 OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

for FY 2002

(Substitute form)

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/219,442
Filing Date	December 23, 1998
First Named Inventor	HU et al.
Examiner Name	Saoud, C.
Group Art Unit	1647
Attorney Docket Number	PF112P2D1

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METHOD OF PAYMENT						FEE CALCULATION (continued)																																																																																																																																																											
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 08-3425</p> <p>Deposit Account Name Human Genome Sciences, Inc.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other*</p>						<p>3. ADDITIONAL FEES</p> <table><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td></td></tr><tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td></td></tr><tr><td>195</td><td>300</td><td>195</td><td>300</td><td></td></tr><tr><td>179</td><td>740</td><td>279</td><td>370</td><td></td></tr><tr><td>098</td><td>130</td><td>098</td><td>130</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td></td></tr><tr><td>146</td><td>740</td><td>246</td><td>370</td><td></td></tr><tr><td>149</td><td>740</td><td>249</td><td>370</td><td></td></tr><tr><td>145</td><td>100</td><td>145</td><td>100</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td></td></tr><tr><td>099</td><td>8,800</td><td>099</td><td>8,800</td><td></td></tr><tr><td>148</td><td>110</td><td>248</td><td>55</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>460</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td></td></tr><tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td></td></tr><tr><td>091</td><td>1,280</td><td>091</td><td>1,280</td><td></td></tr><tr><td>561</td><td>3</td><td>561</td><td>3</td><td></td></tr><tr><td>581</td><td>40</td><td>481</td><td>40</td><td></td></tr></tbody></table> <p>Other fee (specify):</p> <p>Other fee (specify):</p> <p>Other fee (specify):</p>						Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65		127	50	227	25		139	130	139	130		142	1,280	242	640		195	300	195	300		179	740	279	370		098	130	098	130		126	180	126	180		123	50	123	50		146	740	246	370		149	740	249	370		145	100	145	100		147	2,520	147	2,520		099	8,800	099	8,800		148	110	248	55		115	110	215	55		116	400	216	200		117	920	217	460		118	1,440	218	720		128	1,960	228	980		119	320	219	160		120	320	220	160		121	280	221	140		122	130	122	130		140	110	240	55		141	1,280	241	640		091	1,280	091	1,280		561	3	561	3		581	40	481	40	
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Submitted By		Complete (if applicable)	
Name (Print/Type)	Michele M. Wales	Registration No.	43,975
Signature:		Telephone	301-610-5772
		Date	3/12/02

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